



Illinois Department of Conservation

LINCOLN TOWER PLAZA • 524 SOUTH SECOND STREET • SPRINGFIELD 62701-1787 CHICAGO OFFICE • ROOM 4-300 • 100 WEST RANDOLPH • CHICAGO 60601

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157201
REF 37

Scott Ballard
Div. of Natural Heritage
4521 Alton Commerce Parkway
Alton, IL 62002

22 March 1993

- Alternate
Copy / date
not correct

Mr. Eric Morton
PRC Environmental Management, Inc.
233 North Michigan Ave.
Suite 1621
Chicago, IL 60601

Dear Eric,

As you requested, I have compiled a list of mammals, reptiles and amphibians that can occur as breeding populations along the floodplains of St. Clair and Monroe counties, Illinois. You mentioned that you have a contact for the fishes, and I suggest that you contact our avian program manager in Springfield, Vern Kleen, for a list of breeding bird species in those counties. Vern has access to the breeding bird survey data for Illinois, and he should be able to help you with those. Vern's number is (217) 785-8774. I do know that some species of state-endangered herons and egrets utilize the floodplain areas of St. Clair and Monroe counties for both nesting and feeding areas. Also, there is a bald eagle nest at the southern tip of Arsenal Island which was active this past season. Should any of your company's people decide it is necessary to do fieldwork anywhere near the bald eagle nest site, I would appreciate it if you would contact me first. There are certain distances around an eagle nest that are inviolate during portions of the year. Entering into those zones during the wrong time of the season could be a violation of the Federal Endangered Species Act, and you could be charged with harrassment of a federally endangered species. I would be happy to join any field crew of yours during the time you might conduct a field visit there. Just let me know.

Another group of animals you may consider adding to your list is the mussels. There are various mussel beds in the Mississippi River that could be devastated by chemical spill. A good contact for the location of those known mussel beds is Glen Kruse, Endangered Species Project Manager, also at our Springfield office number (217) 785-8774.

Please keep in mind that this list of species should be used as a sort of guideline only. This is not an all inclusive list of the mammals or herps that could ever occur in St. Clair and Monroe counties. New localities are discovered for animals every week, and for an updated list, it would be necessary to contact our Springfield office and/or myself. I have listed special notes next to those species that are endangered and/or threatened. An asterisk (*) next to a species designates that it has been proposed as being added to the Illinois list of endangered and threatened species. Those species designated as "proposed" could become official within the next few months. Contact me if you have any questions about those. I have listed my references at the beginning of each column.

MAMMALS (taken from Hoffmeister, Donald F. 1989. Mammals of Illinois.
University of Illinois Press. Urbana and Chicago. xvii + 348 pp.)

Opossum (Didelphis virginiana)
Southeastern shrew (Sorex longirostris)
Northern short-tailed shrew (Blarina brevicauda)
Southern short-tailed shrew (Blarina carolinensis)
Least shrew (Cryptotis parva)
Eastern mole (Scalopus aquaticus)
Little brown bat (Myotis lucifugus)
Indiana bat (Myotis sodalis) **FEDERALLY AND STATE ENDANGERED**
Gray bat (Myotis grisescens) **FEDERALLY AND STATE ENDANGERED**
Keen's bat (Myotis keenii)
Silver-haired bat (Lasionycteris noctivagans)
Eastern pipistrelle (Pipistrellus subflavus)
Big brown bat (Eptesicus fuscus)
Red bat (Lasiurus borealis)
Hoary bat (Lasiurus cinereus)
Evening bat (Nycticeius humeralis)
Eastern cottontail (Sylvilagus floridanus)
Eastern chipmunk (Tamias striatus)
Woodchuck (Marmota monax)
Gray squirrel (Sciurus carolinensis)
Fox squirrel (Sciurus niger)
Southern flying squirrel (Glaucomys volans)
Plains pocket gopher (Geomys bursarius)
Beaver (Castor canadensis)
Deer mouse (Peromyscus maniculatus)
White-footed mouse (Peromyscus leucopus)
Golden mouse (Ochrotomys nuttalli) **STATE THREATENED**
Prairie vole (Microtus ochrogaster)
Pine vole (Microtus pinetorum)
Muskrat (Ondatra zibethicus)
Southern bog lemming (Synaptomys cooperi)
Norway rat (Rattus norvegicus)
House mouse (Mus musculus)
Meadow jumping mouse (Zapus hudsonius)
Coyote (Canis latrans)
Red fox (Vulpes vulpes)
Gray fox (Urocyon cinereoargenteus)
Raccoon (Procyon lotor)
Long-tailed weasel (Mustela frenata)
Mink (Mustela vison)
Badger (Taxidea taxus)
Striped skunk (Mephitis mephitis)
River otter (Lutra canadensis) **STATE ENDANGERED**
Bobcat (Lynx rufus) **STATE THREATENED**
White-tailed deer (Odocoileus virginianus)

AMPHIBIANS AND REPTILES (taken from Smith, Philip W. 1961. The Amphibians and Reptiles of Illinois. Bulletin Illinois Natural History Survey 28 (art. 1): 1-298; and also Conant, Roger and Joseph T. Collins. 1991. Reptiles and Amphibians of Eastern and Central North America. 3rd ed. Houghton Mifflin Company. Boston. xiv + 450 pp.

Spotted Salamander (Ambystoma maculatum)
 Marbled Salamander (Ambystoma opacum)
 Smallmouth Salamander (Ambystoma texanum)
 Tiger Salamander (Ambystoma tigrinum)
 Central Newt (Notophthalmus viridescens)
 Longtail Salamander (Eurycea longicauda)
 Cave Salamander (Eurycea lucifuga)
 Slimy Salamander (Plethodon glutinosus)
 Mudpuppy (Necturus maculosus)
 Lesser Siren (Siren intermedia)
 Spadefoot Toad (Scaphiopus holbrookii)
 American Toad (Bufo americanus)
 Fowler's Toad (Bufo woodhousii)
 Cricket Frog (Acris crepitans)
 Spring Peeper (Pseudacris crucifer)
 Western Chorus Frog (Pseudacris triseriata)
 Illinois Chorus Frog (Pseudacris streckeri) **STATE THREATENED/FED. CANDIDATE**
 Cope's Gray Treefrog (Hyla chrysocelis)
 Eastern Gray Treefrog (Hyla versicolor)
 Crayfish Frog (Rana areolata)
 Plains Leopard Frog (Rana blairi)
 Bullfrog (Rana catesbeiana)
 Green Frog (Rana clamitans)
 Pickerel Frog (Rana palustris)
 Southern Leopard Frog (Rana utricularia)
 Wood Frog (Rana sylvatica)
 Narrowmouth Frog (Gastrophryne carolinensis)
 Common Snapping Turtle (Chelydra serpentina)
 Alligator Snapping Turtle (Macrochelys temminckii) *
 Musk Turtle (Sternotherus odoratus)
 Eastern Box Turtle (Terrapene carolina)
 Ornate Box Turtle (Terrapene ornata)
 Painted Turtle (Chrysemys picta)
 Red-ear Slider (Trachemys scripta)
 ✓River Cooter (Pseudemys concinna) **STATE ENDANGERED**
 False Map Turtle (Graptemys pseudogeographica)
 Map Turtle (Graptemys geographica)
 Mississippi Map Turtle (Graptemys kohnii)
 Smooth Softshell Turtle (Apalone mutica)
 Spiny Softshell Turtle (Apalone spinifera)
 Northern Fence Lizard (Sceloporus undulatus)
 Western Slender Glass Lizard (Ophisaurus attenuatus)
 Six-lined Racerunner (Cnemidophorus sexlineatus)
 Ground Skink (Scincella lateralis)
 Five-lined Skink (Eumeces fasciatus)

Broadhead Skink (Eumeces laticeps)
 Worm Snake (Carphophis amoenus)
 Ringneck Snake (Diadophis punctatus)
 Western Hognose Snake (Heterodon nasicus) **STATE THREATENED**
 Eastern Hognose Snake (Heterodon platirhinos)
 Rough Green Snake (Opheodrys aestivus)
 Blue Racer (Coluber constrictor)
 Eastern Coachwhip (Masticophis flagellum) **STATE THREATENED**
 Great Plains Ratsnake (Elaphe guttata emoryi) **STATE THREATENED**
 Black Ratsnake (Elaphe obsoleta)
 Bullsake (Pituophis catenifer)
 Prairie Kingsnake (Lampropeltis calligaster)
 Speckled Kingsnake (Lampropeltis getula)
 Red Milksnake (Lampropeltis triangulum)
 Flathead Snake (Tantilla gracilis)
 Western Ribbon Snake (Thamnophis proximus)
 Plains Garter Snake (Thamnophis radix)
 Eastern Garter Snake (Thamnophis sirtalis)
 Lined Snake (Tropidoclonion lineatum)
 Western Earth Snake (Virginia valeriae)
 Brown Snake (Storeria dekayi)
 Red-bellied Snake (Storeria occipitomaculata)
 Yellow-bellied Watersnake (Nerodia erythrogaster)
 Diamondback Watersnake (Nerodia rhombifer)
 Northern Watersnake (Nerodia sipedon)
 Graham's Crayfish Snake (Regina grahamii)
 Western Cottonmouth (Agkistrodon piscivorus)
 Copperhead (Agkistrodon contortrix)
 Eastern Massasauga (Sistrurus catenatus) * / **FEDERAL CANDIDATE**
 Timber Rattlesnake (Crotalus horridus) *

Sincerely,

Scott R. Ballard

Scott R. Ballard
 Dist. 10 Nat. Heritage Biologist
 (618) 462-1181

cc: file